

Title (en)
SOLAR INVERTER

Title (de)
SOLARWECHSELRICHTER

Title (fr)
ONDULEUR SOLAIRE

Publication
EP 2862427 A1 20150422 (EN)

Application
EP 13731667 A 20130612

Priority
• US 201261658975 P 20120613
• DK 2013000039 W 20130612

Abstract (en)
[origin: WO2013185763A1] A solar inverter is provided having a cooling module, a DC module, an inverter module and an AC module provided side-by-side within a chassis. The DC module includes an input accessible from a first side of the chassis and a disconnection switch on a second side of the chassis, with the input being configured to be connected to a DC solar power source. The AC module includes an output accessible from the first side of the chassis and a disconnection switch provided on the second side of the chassis. The cooling module is configured to pump a liquid coolant around the solar inverter in order to cool elements of the DC module, the inverter module and/or the AC module.

IPC 8 full level
H02M 7/00 (2006.01); **H02S 40/34** (2014.01); **H05K 7/14** (2006.01); **H05K 7/20** (2006.01)

CPC (source: EP US)
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H05K 7/20263 (2013.01 - US); **H05K 7/20272** (2013.01 - US); **H05K 7/20927** (2013.01 - EP US); **Y02E 10/50** (2013.01 - EP)

Citation (search report)
See references of WO 2013185763A1

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Designated extension state (EPC)
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DOCDB simple family (publication)
WO 2013185763 A1 20131219; CN 104756616 A 20150701; CN 104756616 B 20170215; EP 2862427 A1 20150422; EP 2862427 B1 20160810;
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